| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 1 | 10/735681 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:52 |
| L2 | 17 | Getin near Stephane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:47 |
| L3 | 9 | Gaugiran near Stephanie | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:48 |
| L4 | 20 | 2 or 3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:48 |
| L5 | 684 | bragg near mirror | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:52 |
| L6 | 2 | 5 and stack near1 (thin near dielectric near layers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:53 |
| L7 | 42 | 5 and stack near3 (dielectric near layers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:53 |
| L8 | 38 | (inspect$3 or detect$4) and 7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:59 |
| L9 | 3 | 8 and pump near beam | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:54 |
| L10 | 2819 | (pump near beam) near2 source vand sample near substrate and detector$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:03 |

| | | | | | | |
|---|---|---|---|---|---|---|
| L11 | 13777 | substrate same stack near4 layers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:00 |
| L12 | 40 | 10 and 11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:00 |
| L13 | 22 | (pump near beam) and sample near substrate and detector$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:03 |
| L14 | 402 | (pump near beam) and substrate and detector$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:09 |
| L15 | 15 | 14 and bragg near mirror | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:08 |
| L16 | 653 | 11 and bragg near (mirror$3 or reflector$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:15 |
| L17 | 26 | (pump near beam) and 16 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:12 |
| L18 | 0 | photothemal near detect$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:12 |
| L19 | 58 | photothermal near detect$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:12 |
| L20 | 5 | (pump near beam) and 19 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:12 |

| L21 | 1 | 19 and bragg near (mirror$3 or reflector$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:16 |
|-----|------|---------------------------------------------|---------------------------------------------|----|-----|-------------------|
| L22 | 6450 | bragg near (mirror$3 or reflector$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:16 |
| L23 | 31 | 22 and (probe and pump) near2 (beam or light) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:16 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 1 | 10/735681 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:52 |
| L2 | 17 | Getin near Stephane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:47 |
| L3 | 9 | Gaugiran near Stephanie | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:48 |
| L4 | 20 | 2 or 3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:48 |
| L5 | 684 | bragg near mirror | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:52 |
| L6 | 2 | 5 and stack near1 (thin near dielectric near layers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:53 |
| L7 | 42 | 5 and stack near3 (dielectric near layers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:53 |
| L8 | 38 | (inspect$3 or detect$4) and 7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:59 |
| L9 | 3 | 8 and pump near beam | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 14:54 |
| L10 | 2819 | (pump near beam) near2 source vand sample near substrate and detector$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:03 |

| L11 | 13777 | substrate same stack near4 layers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:00 |
|-----|-------|-----------------------------------|---------|----|----|----------|
| L12 | 40 | 10 and 11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:00 |
| L13 | 22 | (pump near beam) and sample near substrate and detector$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:03 |
| L14 | 402 | (pump near beam) and substrate and detector$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:09 |
| L15 | 15 | 14 and bragg near mirror | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:08 |
| L16 | 653 | 11 and bragg near (mirror$3 or reflector$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:15 |
| L17 | 26 | (pump near beam) and 16 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:12 |
| L18 | 0 | photothemal near detect$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:12 |
| L19 | 58 | photothermal near detect$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:12 |
| L20 | 5 | (pump near beam) and 19 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:12 |

| L21 | 1 | 19 and bragg near (mirror$3 or reflector$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:16 |
|-----|------|------|------|------|------|------|
| L22 | 6450 | bragg near (mirror$3 or reflector$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:16 |
| L23 | 31 | 22 and (probe and pump) near2 (beam or light) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:26 |
| L24 | 1425 | ((dielectric near layers) near6 mirror) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:25 |
| L25 | 23 | ((dielectric near layers) near6 (bragg near mirror)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:25 |
| L26 | 67 | ((dielectric near layers) near6 (bragg near reflector)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:25 |
| L27 | 90 | 25 or 26 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:25 |
| L28 | 10 | 27 and (probe and pump) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:26 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 34877 | substrate near6 ((multi-layer) or multilayer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:43 |
| L2 | 11 | 1 and (pump and probe) near beam | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:44 |
| L3 | 1 | "5585921".PN. | USPAT; USOCR | OR | ON | 2005/12/20 15:40 |
| L4 | 1 | "5574562".PN. | USPAT; USOCR | OR | ON | 2005/12/20 15:41 |
| L5 | 1 | "5546811".PN. | USPAT; USOCR | OR | ON | 2005/12/20 15:42 |
| L6 | 1 | "5379109".PN. | USPAT; USOCR | OR | ON | 2005/12/20 15:42 |
| L7 | 73682 | substrate near6 (((multi-layer) or multilayer) or (dielectric near layers)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:44 |
| L8 | 480 | 7 and bragg near (mirror$3 or reflector$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:48 |
| L9 | 1 | 8 and (pump and probe) near beam | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:48 |
| L10 | 5 | 8 and (pump and probe) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:45 |
| L11 | 502 | 7 and bragg near3 (mirror$3 or reflector$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:48 |
| L12 | 1 | 11 and (pump and probe) near beam | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:48 |

| L13 | 7518 | 7 and (mirror$3 or reflector$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:48 |
|-----|------|------------------------------------|---------------------------------------------|----|----|--------------------|
| L14 | 24 | 13 and (pump and probe) near beam | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 15:49 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 684 | bragg near mirror | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 16:07 |
| L2 | 68 | (bragg near mirror) same dielectric near layers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 16:08 |
| L3 | 62 | 2 and refract$3 near index | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 16:14 |
| L4 | 301 | ((pump and probe) near beam) and ((measur$5 or detect$3) or inspect$5) near15 (probe near beam) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 16:26 |
| L5 | 0 | 4 and dielectric near layers2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 16:16 |
| L6 | 30 | 4 and dielectric near layer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 16:16 |
| L7 | 30 | 4 and dielectric near layers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 16:26 |
| L8 | 1 | 4 and 1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 16:26 |
| L9 | 4 | 4 and stack near3 (dielectric near layers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 16:28 |
| L10 | 4 | 4 and stack near3 (thin near layers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 16:31 |

| L11 | 76 | 4 and (multi-layers or multilayers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 16:32 |
|-----|-----|-------------------------------------|----------------------------------------------|----|-----|-------------------|